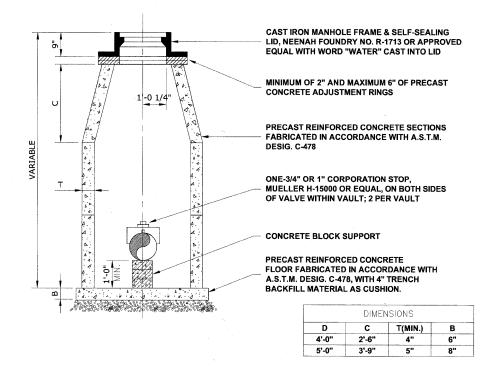


NOTE

- 1. THRUST BLOCKS TO BE USED AT 1/16(22-1/2°) OR GREATER BENDS & AT ALL ENDS TO BE PLUGGED.
- 2. PRECAST CONCRETE THRUST BLOCKS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL

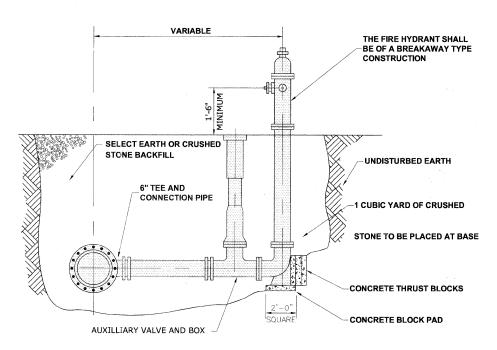
THRUST BLOCK DETAIL



STANDARD VALVE VAULT DETAIL

PROPOSED PAVEMENT AND IN LANDSCAPED AREAS IN PAVED AREAS, REPLACE PAVEMENT REPLACE LANDSCAPING TO EQUAL & BASE COURSE ACCORDING TO OR BETTER CONDITIONS THAN PROPOSED SECTION. EXISTED PRIOR TO CONSTRUCTION SAW CUT EXISTING EXISTING PAVEMENT PAVEMENT PAYMENT WIDTH (MAX.) SELECT EARTH BACKFILL IN NON-PAVEMENT AREAS TRENCH PAYMENT AREA D W ≤5' 9"+O.D.+9" 18"+O.D.+18" COMPACTED GRANULAR BACKFILL. CA-6, WHEN UNDER OR WITHIN 2' OF PAVED AREAS OR OTHER STRUCTURES (CONTRACTOR WILL BE REQUIRED TO USE O.D. CA-11 FOR BEDDING WHEN TRENCH BOTTOM IS EITHER WET OR UNSTABLE IN THE OPINION OF THE ENGINEER) STONE BEDDING, PROPOSED SEWER

TYPICAL WATER MAIN TRENCH DETAIL



FIRE HYDRANT DETAIL

LIANCOCK	SER NAME -	DESIGNED -	WOP, JG	REVISED -		DDAINAGE AND UTILITIES	ROUTE SECT	TION	COLINTY	TOTAL SH	HEE
ENGINEERING		DRAWN -	MK, DMM	REVISED -	STATE OF ILLINOIS	DRAINAGE AND UTILITIES	NO.	0.04.004	S	SHEETS N	IS NO.
♦ Civil Engineers 9933 Reserved Read	LOT SCALE -	CHECKED -	WOP, JG	REVISED -	DEPARTMENT OF TRANSPORTATION	DETAILS	FAU 1694 07-0012		СООК	86	54
 Municipal Consultants Phone: 768/885-0390 Established 1911 Fax: 768/885-1272 	LOT DATE -	DATE -	10-24-11	REVISED -		SCALE: NOT TO SCALE SHEET NO. 3 OF 3 SHEETS STA TO STA	FED. ROAD DIST. NO. 1	ILLINOIS FED. AIT	D PROJECT M-	NO. 63651 I-9003(875)	1

M.W.R.D. SEWER CROSSING NOTES:

- AN MWRD INSPECTOR MUST BE PRESENT DURING CONSTRUCTION OF THE PROPOSED SEWER IN CLOSE PROXIMITY TO THE MWRD SEWER.
- 2. IN THE EVENT THE MWRD STRUCTURES/MANHOLES/FACILITIES NEED TO BE ENTERED, THE RESPONSIBLE PARTY MUST SUBMIT A COMPLETED AND NOTARIZED RELEASE AND INDEMNITY FORM FOR CONFINED SPACE ENTRY.
- THE MWRD SEWER SHALL BE LOCATED PRIOR TO PROCEEDING WITH ANY CONSTRUCTION WORK TO MAKE SURE THAT THERE IS ENOUGH VERTICAL CLEARANCE BETWEEN THE PROPOSED SEWER AND THE MWRD SEWER.
- 4. SHOULD A CONFLICT BE DISCOVERED BETWEEN THE SEWER AND THE MWRD INTERCEPTOR DURING EXCAVATION, THE SEWER WORK MUST STOP AND THE DESIGN ENGINEER AND THE MWRD MUST BE CONTACTED IMMEDIATELY. APPROVAL MUST BE PROVIDED BY THE MWRD PRIOR TO COMPLETION OF ANY NECESSARY CONFLICT SEWER WORK.
- 5. ALL MWRD MANHOLES AND SEWERS ARE TO BE PROTECTED BY THE CONTRACTOR AT ALL TIMES.
- 6. THE CONTRACTOR SHALL VACUUM/HAND EXCAVATE WITHIN 2 FEET OF THE MWRD SEWER.
- 7. THE MWRD SEWER NEAR THE PROPOSED SEWER CROSSINGS SHALL BE TELEVISED BEFORE EXCAVATION AND AFTER CONSTRUCTION TO IDENTIFY ANY POTENTIAL DAMAGE THAT MAY OCCUR.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE MWRD SEWER TO THE SATISFACTION OF THE MWRD.